

031504

16179 U.S.PTO

EXPRESS MAIL CERTIFICATE

Date 03-15-04 Label No. EL 749214924 US

I hereby certify that, on the date indicated above I deposited this paper or fee and every paper referred to therein with the U.S. Postal Service and that it was addressed for delivery to Mail Stop: Patent Application, Hon. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by "Express Mail Post Office to Addressee" service.

Craig S. Fischer

Name (Print)

Signature

27662

PATENT TRADEMARK OFFICE

22386 U.S.PTO
10/801450

031504

PATENT

MSFT No.: 305898.01

Attorney Docket No.: MCS-082-03

Mail Stop Patent Application
Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

Enclosed please find an application for United States patent as identified below:

Inventors: Henrique S. Malvar, Li-wei He and Ross Cutler

Title: **HIGH-QUALITY GRADIENT-CORRECTED LINEAR INTERPOLATION
FOR DEMOSAICING OF COLOR IMAGES**

including the items indicated:

1. Application Data Sheet (3 pages)
2. Specification and 40 claims: 5 indep.; 35 dep.; 0 multiple dep. (49 pages)
3. Drawings: 17 sheets (FIGS. 1-11).
4. Fee Transmittal for FY 2003 (1 page)
5. Credit Card Payment Form (1 page for Basic Filing Fee)
6. Executed Declaration and Power of Attorney (2 pages)
7. Assignment Recordation Form Cover Sheet (1 page)
8. Executed Assignment Documents (3 pages)
9. Credit Card Payment Form (1 page for Assignment Recordation Fee)
10. Information Disclosure Statement (2 pages)

11. Information Disclosure Citation (1 page)

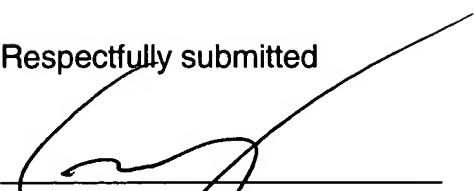
12. IDS References (10 References)

13. Return receipt postcard

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Respectfully submitted



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FEE TRANSMITTAL
for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ **1,342.00**)**Complete if Known**

Application Number	To be issued
Filing Date	Concurrently Herewith
First Named Inventor	MALVAR et al.
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	MCS-082-03

METHOD OF PAYMENT (check all that apply)☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	770.00
1002	330	2002	165	Design filing fee	
1003	510	2003	255	Plant filing fee	
1004	740	2004	370	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 770.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Total Claims	Extra Claims	Fee from below		Fee Paid
			Fee	Fee	
Independent Claims	40	-20** = 20	18.00	360.00	360.00
Multiple Dependent	5	-3** = 2	86.00	172.00	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	40.00
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$ 532.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity - Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	400	2252	200	Extension for reply within second month	
1253	920	2253	460	Extension for reply within third month	
1254	1,440	2254	720	Extension for reply within fourth month	
1255	1,960	2255	980	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,280	2453	640	Petition to revive - unintentional	
1501	1,280	2501	640	Utility issue fee (or reissue)	
1502	460	2502	230	Design issue fee	
1503	620	2503	310	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1809	740	2809	370	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	740	2810	370	For each additional invention to be examined (37 CFR 1.129(b))	
1801	740	2801	370	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ **40.00**)**SUBMITTED BY**

Name (Print/Type)

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Registration No.
(Attorney/Agent)

42,535

(Complete if applicable)

Telephone (805) 278-8855

Signature

Date

March 15, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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